



Bituminous Mastic

ALL WEATHER TROWEL FOR ROOFS

Date: 18 December 2020

Fact Sheet No.: TDS00209

YOUR SMART ADVANTAGES

- For bedding, pointing, sealing & filling cracks
- Use on roof felt, asphalt, corrugated iron and metal guttering & downpipes
- Contains fibres for reinforcement

USES

Bostik All Weather Trowel Bituminous Mastic is a multi-purpose trowel applied bituminous compound for waterproofing, stopping, bedding, pointing and sealing. It contains fibres for reinforcement and will seal and fill holes and cracks in mastic asphalt, roofing felt, corrugated iron, cast iron, fibre cement, slates, lead, copper, zinc, concrete and timber. It has excellent cohesive strength and adheres to most roofing substrates.

Bostik All Weather Trowel Bituminous Mastic dries to a flexible black material, which remains soft and pliable for a long time after application. This allows the product to flex with changes in temperatures.

PRODUCT CHARACTERISTICS

Colour	Black
Form	Trowellable paste
Specific Gravity	1.38 approx.
Composition	Filled bitumen solution in white spirit containing a non-drying oil
Product Codes	30619179 1 litre x 6 30811915 2.5 litres x 4 30618101 5 litres x 2
Storage/Shelf Life	Store and transport securely in an upright position. Ensure the lid is secure. Store for up to 24 months

from date of manufacture in original, unopened packaging in cool, dry conditions within the temperature range +5°C to +35°C, out of direct sunlight and away from sources of heat and ignition. Protect from frost.

TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +30°C
Service Temperature	-10°C to +85°C
Coverage	Approx. 2 litres per 1m ² (giving 2mm wet thickness)
Drying Times	Most of the solvent evaporates in 24 hours under average drying conditions, but the coating remains soft for many months
Chemical & Water Resistance	Resistant to: most salt solutions some dilute acids and alkalis, water and alcohol. Not resistant to: oils, solvents, some detergent solutions
Heat Flow Resistance	The cured film will not sag or flow under normal conditions
Cleaning	Clean tools and equipment with white spirit immediately after use

DIRECTIONS FOR USE

IMPORTANT: Before using Bostik All Weather Trowel Bituminous Mastic, refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

PREPARATION

1. Bostik All Weather Trowel Bituminous Mastic must only be applied to surfaces which are completely dry, and great care must be taken to ensure that when applied

to bitumen felt, no moisture is contained within the felt.

2. Ensure the roof surface is structurally sound, clean, dry and free from surface contaminants such as grease, oil, rust, dirt and loose materials.
3. Remove any organic growth i.e. moss or lichen with Bostik Fungicidal Wash and allow to dry.
4. If the surface is still dusty after cleaning, or covered with weathered bitumen, prime with Bostik Penetration Primer and allow to dry.
5. To avoid thickening and assist application in cold weather, store Bostik All Weather Trowel Bituminous Mastic in a warm room overnight prior to use.

APPLICATION

6. Stir well before use, do not thin or dilute.
7. Apply with a steel trowel or putty knife.

Cracks/holes:

8. Force Bostik All Weather Trowel Bituminous Mastic into the crack, covering over the area to be treated by 25mm either side, at a thickness of 3mm.
9. For large cracks and holes ($\geq 11\text{mm}$), apply the compound over the area to be treated and embed a closely woven glass fibre membrane into the compound to overlap the crack or hole by approximately 50mm.
10. Allow to dry and then apply a second coat, fully covering the reinforcing membrane.

Corrugated iron/fibre cement sheeting:

11. Tighten loose hook bolts and trowel around with Bostik All Weather Trowel Bituminous Mastic.
12. Remove loose screws, re-bed screws and washers in Bostik All Weather Trowel Bituminous Mastic and tighten. Seal over the top of the worked area with further mastic, ensuring a smooth finish.
13. If a sheet is cracked: clean, prime with Bostik Penetration Primer and apply a bandage strip of woven glass membrane embedded in Bostik All Weather Trowel Bituminous Mastic.
14. Allow to dry, then overcoat Bostik Rufabrush Brushable Waterproofor or Bostik All Weather Brush Bituminous Waterproofor. When sealing side and end laps in corrugated sheeting, use the same technique.

Tiles:

15. Point up butt ends of ridge tiles, fillets and slates with Bostik All Weather Trowel Bituminous Mastic.

Lead and zinc:

16. Remove any surface rust with a stiff brush.
17. Trowel over small cracks, defects and pinholes ($\leq 10\text{mm}$) with Bostik All Weather Trowel Bituminous Mastic. For larger cracks and defects ($\geq 11\text{mm}$) apply Bostik All Weather Trowel Bituminous Mastic over the affected area and embed within it a woven glass membrane.

Overlap the crack by at least 50mm in all directions.

18. Allow the mastic to set for 24 hours before sealing the whole surface with two coats of Bostik Rufabrush Brushable Waterproofor or Bostik All Weather Brush Bituminous Waterproofor, at 1.25-1.5m² per litre, per coat.

Felt:

19. For localised repair, use Bostik Bituminous Roof Felt Adhesive to re-adhere any loose felt or flashings. Once dried, seal over the repaired area fully with Bostik All Weather Trowel Bituminous Mastic. Ensure that a 25mm band of mastic extends beyond the area of repair in all directions.
20. Allow the mastic to set for 24 hours before finally overcoating with two coats of Bostik Rufabrush Brushable Waterproofor or Bostik All Weather Brush Bituminous Waterproofor at 1.25-1.5m² per litre, per coat.

CLEANING

21. Clean tools and equipment with white spirit immediately after use. Hardened material may be removed by soaking in cleanser.

PRECAUTIONS IN USE

Bostik All Weather Trowel Bituminous Mastic must only be applied to surfaces which are completely dry, and great care must be taken to ensure that when applied to bitumen felt, no moisture is contained within the felt.

Colour indicated on pack is a guide only. It is recommended that users apply a small amount of Bostik All Weather Trowel Bituminous Mastic in an inconspicuous area and allow to dry to determine colour suitability before commencing work. Shade variations may occur between batches. When completing projects requiring multiple tins please ensure that they are from the same batch.

For any application not covered, please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.com/uk for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Bostik All Weather Trowel Bituminous Mastic, available at www.bostik.com/uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



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